

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application:

Claim 1 (currently amended): A bandwidth-adaptive method for synchronizing display data between a source node and a plurality of consumer nodes, the method comprising:

- (a) identifying, by a source node, a change in local display data;
- (b) creating, by the source node, at least one data packet representing the change in local display data;
- (c) receiving, by a communications service from the source node, metadata information identifying ~~at least one data packets that~~ representing a current state of local display data following the change in local display data;
- (d) receiving, by the communications service from the source node, at least one of the identified data packets;
- (e) selecting, by the communications service, ~~at least one of the received~~ first and second sets of the identified data packets responsive to the received metadata information, the first and second sets being different from one another;
- (f) transmitting, by the communications service to a first consumer node, the metadata information and the first set of identified data packets; and
- (g) transmitting, by the communications service to ~~the~~ a second consumer node having a different bandwidth connection with the communications service than the first consumer node has with the communications service, the ~~selected at least one~~ metadata information and the second set of identified data packets.

Claim 2 (currently amended): The method of claim 1 further comprising receiving, by the communications service prior to selecting ~~the at least one~~ a set of the received identified data packets responsive to the received metadata information, a request from a consumer node for the current state of the source node local display data.

Claim 3 (previously presented): The method of claim 2 further comprising repeating (a) through (d) until the request is received from the consumer node for the current state of the source node local display data.

Claim 4 (currently amended): The method of claim 3 wherein selecting ~~the at least one~~ a set of the ~~received~~ identified data packets responsive to the received metadata information comprises:

(e-a) selecting one of the metadata information received by the communications service;
and

(e-b) selecting at least one of the data packets received by the communications service and identified by the selected metadata information.

Claim 5 (currently amended): The method of claim 1 wherein selecting ~~the at least one~~ a set of the ~~received~~ identified data packets responsive to the received metadata information comprises selecting a plurality of the ~~received~~ identified data packets responsive to the received metadata information.

Claim 6 (currently amended): The method of claim 5 wherein transmitting to the first consumer node the ~~selected at least one~~ first set of identified data packets comprises transmitting to the first consumer node ~~each of the selected~~ a first plurality of data packets selected therefor, and wherein transmitting to the second consumer node the second set of identified data packets comprises transmitting to the second consumer node a second plurality of data packets selected therefor.

Claim 7 (previously presented): The method of claim 1 wherein receiving, by the communications service from the source node, the at least one of the identified data packets comprises receiving, by the communications service from the source node, at least one of the identified data packets in encrypted form.

Claim 8 (previously presented): The method of claim 1 further comprising storing the metadata information received by the communications service in a memory device.

Claim 9 (previously presented): The method of claim 1 further comprising storing at least one of the data packets received by the communications service in a memory device.

Claim 10 (previously presented): The method of claim 9 further comprising selecting at least one of the stored data packets responsive to the metadata information received by the communications service.

Claim 11 (currently amended): The method of claim 10 further comprising transmitting to ~~the one of the first and second~~ consumer nodes the selected at least one of the stored data packets.

Claim 12 (currently amended): The method of claim 1 further comprising storing, in a memory element, information identifying ~~the at least one~~ a data packet transmitted to one of the first and second consumer nodes.

Claim 13 (currently amended): The method of claim 12 further comprising selecting at least one of the data packets received by the communications service that is responsive to the metadata information received by the communications service and to the stored information identifying the ~~at least one~~ data packet transmitted to the one of the first and second consumer nodes.

Claim 14 (currently amended): A bandwidth-adaptive system for synchronizing display data between ~~a~~ consumer nodes and a source node, the system comprising:

a source node configured to identify a change in local display data, create at least one data packet representing the change in local display data, create ~~at least one~~ metadata packet identifying ~~the at least one~~ data packets that represent a current state of the local display data, and transmit the ~~at least one~~ metadata packet and ~~the at least one~~ of the identified data packets; and

a communications service in communication with the source node, the communications service configured to select ~~one of the at least one metadata packet and the at least one~~ i) a first set of the identified data packets for transmission, along with the metadata packet, to a first consumer node, and ii) a second set of the identified data packets, different from the first set, for transmission, along with the metadata packet, to a second consumer node having a different bandwidth connection with the communications service than the first consumer node has with the communications service.

Claim 15 (previously presented): The system of claim 14 further comprising the first consumer node, the first consumer node configured to request the current state of the source node local display data from the communications service.

Claim 16 (currently amended): The system of claim 15 wherein the communications service is further configured to select ~~one of the at least one metadata packet and the at least one~~ the first set of identified data packets in response to the request made by the first consumer node.

Claim 17 (currently amended): The system of claim 15 further comprising ~~at the~~ second consumer node, the second consumer node configured to request the current state of the source node local display data from the communications service.

Claim 18 (previously presented): The system of claim 17 wherein the source node is further configured to transmit a plurality of metadata packets, each of the plurality of metadata packets representing one state of the source node local display data.

Claim 19 (previously presented): The system of claim 18 wherein the communications service is further configured to select a first metadata packet for transmission to the first consumer node and a second metadata packet for transmission to the second consumer node.

Claim 20 (previously presented): The system of claim 14 wherein the communications service further comprises a memory element.

Claim 21 (original): The system of claim 20 wherein the memory element is a persistent storage device.

Claim 22 (currently amended): The system of claim 20 wherein the communications service is further configured to store the ~~received at least one~~ metadata packet in the memory element.

Claim 23 (currently amended): The system of claim 20 wherein the communications service is further configured to store ~~the received~~ at least one identified data packet in the memory element.

Claim 24 (currently amended): The system of claim 20 wherein the communications service is further configured to store in the memory element information regarding transmission of data packets to at least one of the first and second consumer nodes.

Claim 25 (currently amended): The system of claim 14 wherein the source node is further configured to encrypt ~~the at least one~~ a data packet before transmission ~~to the first consumer node~~.

Claim 26 (previously presented) A bandwidth-adaptive method for synchronizing display data between a source node and a plurality of consumer nodes, the method comprising:

- (a) identifying, by a source node, a first change in local display data;
- (b) receiving, by a communications service from the source node, first metadata information identifying a first at least one data packet representing a first state of local display data following the first change in local display data;
- (c) identifying, by the source node, a second change in local display data;
- (d) receiving, by the communications service from the source node, second metadata information identifying a second at least one data packet representing a second state of local display data following the second change in local display data;
- (e) generating, by the communications service, third metadata information representing the difference between the first at least one identified data packet and the second at least one identified data packet, the third metadata information identifying a third at least one data packet;
- (f) transmitting, by the communications service to a consumer node, the third metadata information; and
- (g) transmitting, by the communications service to the consumer node, the third at least one data packet.